

JOINT TACTICAL TERMINAL (JTT) AND COMMON
INTEGRATED BROADCAST SERVICE MODULES (CIBS-M)
(version 3.0)

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ICoE - Mil Intelligence School

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This System Training Plan (STRAP) is preliminary.
Front end analysis (mission, task, job) is ongoing. ICoE - Mil Intelligence School will amend
and update this STRAP as details solidify.

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* Joint Tactical Terminal (JTT) Common Integrated Broadcast Service Modules
(CIBS-M) AN/USC-62

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1.0 System Description

This STRAP update is generated to correct outdated or missing information (corrects MOS structure, resource tables, and training locations). All training for JTT has been ongoing at all identified locations for years. The Material Developer (MATDEV) has completed the IKPTs, NETs and delivered the TSP. The JTT system has been updated and the MATDEV provided the necessary updates to the training material and TMs. The JTT is not a stand-alone system, it is integrated into other warfighting capabilities and those capabilities train JTT during their NET (as necessary) and are part of training at institutions for the Army and Navy as identified below. It is not anticipated that this STRAP will change or cause to change, any institutional or operation training. This update doesn't support or affect and acquisition decision, fielding change or POM submission (it's mostly administrative to correct previously omitted information or correct previously submitted information).

The Joint Tactical Terminal/Common Integrated Broadcast Service Modules (JTT/CIBS-M) supports the Integrated Broadcast System (IBS) broadcast architecture and it consists of different variations of tactical terminals and modules for the use of General-Purpose Link (GPL), 5 kHz Ultra High Frequency (UHF), Satellite Communications (SATCOM), and Demand Assigned Multiple Access (DAMA). JTT/CIBS-M is a special application tactical terminal that provides IBS connectivity to U.S. Military services (Intelligence Agencies, Joint Commands, Battle Labs, etc), allies, and other intelligence agencies. This modular approach allows integration into existing systems (e.g., aircraft, ships, submarines, armored vehicles, etc.) with a variety of configurations. JTT/CIBS-M provides producers and users access to the IBS and other Command, Control, Communications, Computers, and Intelligence (C4I); it allows operation at various security levels and supports advanced encryption techniques. The term JTT/CIBS-M as used throughout this document references the different variations of JTT/CIBS-M's versus a specific JTT/CIBS-M unless otherwise noted.

2.0 Target Audience

The following military occupational specialties (MOS) receive JTT/CIBS-M operator or maintainer training at MOS producing schools:

US Army:

14G (Air Defense Battle Management System Operator)
14H (Air Defense Enhanced Early Warning Operator)
25Q (Multichannel Transmission Systems Operator / Maintainer)
25U (Signal Support Systems Specialist)
35G (Imagery Analyst)
35T (Military Intelligence Systems Maintainer Integrator)
94E (Radio and Communications Security (COMSEC) Repairer
)
140A (Air Defense Technician)

The following Navy rating receives training at designated F schools (F school training is conducted based on assignment to a specific activity). US Navy Class "F" schools provide team training to officer and enlisted fleet personnel who normally are members of ships' companies. They also provide refresher training, including operator and technical courses of short duration to meet the needs of a fleet or type commander.

US Navy:

CTT (Cryptologic Technician (Technical)) Also conduct level 1 maintenance on ship-board systems

3.0 Assumptions

This STRAP update has no assumptions associated to training or training development. All training is fully operational (for years).

4.0 Training Constraints

Constraint	Impact	Solutions
Support services/Contracts	Block III technical manual plans pending which will detract from current training.	Block III technical manuals need to be completed to upkeep current training.

5.0 System Training Concept

All training (for each service) has been ongoing for years. This is a STRAP update to clean up language (correct MOS's, resource tables, training locations). All institution and operational units have received the necessary IKPT, NET and associated training material from the PM. As systems were updated, training material was updated and provided to all locations.

The JTT/CIBS-M is not a standalone system and all related training is done in conjunction with host systems it is integrated into. Hosts systems include Tactical Ground Station (TGS), Developmental Software Support Element (DSSE), and Air and Missile Defense Planning and Control System (AMDPCS). The training concept for the JTT family is diverse as it is trained by multiple Army Centers of Excellence (CoE) and the United States Navy (USN). Training requires support of the Institutional, Operational and Self Development domains to increase the capability and educate the user. The institutions (Intelligence Center of Excellence (ICoE), Signal CoE, Fires CoE, Army Reserve Intelligence Support Centers (ARISC) train a variety of communication, intelligence and maintenance personnel at their MOS-producing courses. The USN CTT rating receives training at three F schools based on assignment. The JTT Program Manager provided Instructor and Key Personnel Training (IKPT) on operator and level 1 maintainer tasks prior to JTT/CIBS-M instruction at the institution. The operational domain utilizes New Equipment Training (NET) that is supported by a robust Training Support Package (TSP) that includes Computer Based Training (CBT), Lesson Plans (LP)s, Technical Manuals (TM)s, Users Manuals and Quick Reference Guides. The host system NET trains the initial transfer of knowledge on how to use and maintain the capability and the Doctrine and Tactics Training that trains the integration of the capability into the unit's mission. The operational unit commander is responsible for incorporation of JTT/CIBS-M training into the unit training strategy via the sustainment training associated with the host system. Self Development is supported by either the TSP, CBT or Quick Reference Guides.

5.1 New Equipment Training Concept (NET)

The proprietary Program Manager (PM) is responsible for NET and focuses on operator level training. JTT/CIBS-M NET is required for both operator and maintenance personnel and is contractor-led training developed by the proprietary PM and training developer (TNGDEV). Training products will be developed in accordance with the TRADOC Regulations and Pamphlets in the 350-70 series and using methods described in the Army Learning Model, TP 525-8-2

w/C1 06Jun2011. A specific JTT/CIBS-M NET is available to all branches of service (as needed). Host systems are responsible for incorporating JTT/CIBS-M training within their NET (PM JTT provided training material to the host system PM). NET uses host system fielded equipment, materials, and Windows based CBT to conduct training. Host system NET trainers will leave behind the training materials to support sustainment training (JTT specific training is integrated into the host system NET material).

5.2 Displaced Equipment Training (DET)

Not Applicable

5.3 Doctrine, Training, and Techniques (DTT)

DTT was developed by the TNGDEV and

provides guidance to commanders, leaders, staff, and crews/operators on how to employ the combat capabilities of the system. DTT is a combination of the PM delivered training material (lesson plans, TADSS, manuals, IMI, etc.) coupled with the proponent developed input (this becomes NET POI). The proponent's input includes scenarios that prompt the user to act (utilize the system) while the PM's NET team walks the student through the steps associated with the required action. NET engrains into the student how to accomplish the task on the new system / capability, DTT engrains why they are doing the task and the expected outcome / result. The TNGDEV utilizes practical exercises requiring the students to independently work through actions that identify their ability to use the system capability during the conduct of their mission. The DTT is meshed throughout the entire NET requiring constant input from both the PM's NET personnel and the proponent DTT instructor. Elements of the DTT can be used to inform Commanders and Leaders of the capabilities of the system, how it is doctrinally deployed, missions it supports, and how receiving the system will affect the unit (Logistics, Manning and Training).

5.4 Training Test Support Package (TTSP)

As required, United States Army Intelligence Center of Excellence (USAICoE) will develop, coordinate, and approve a TTSP for system test. If any testing (Operational) occurs, the PM trains the test unit personnel and TRADOC certifies that the personnel were trained IAW the Training Certification Plan. The final TTSP consists of the following:

Training schedule

Programs of Instruction (POI)

List of training devices and embedded training components, if applicable

Target audience

Lesson Plans

Critical Task lists

Exams

Field manuals or changes to Field Manuals (FM)

Certification plan

The TTSP outlines the method and procedures to evaluate and certify individual and collective pre-assessment training (who, where, and how training is to be certified). The TTSP includes the training for system operation, current and emerging doctrine, and maintenance. Final TTSP preparation follows instructor/facilitator and key personnel training and receipt of the New Equipment Training (NET) test support package from the materiel contractor. The TTSP is revised before each operational test unless the institution determines that the TTSP is not required. Institution managers prepare initial and final TTSP submissions and obtain approval from the commander/commandant or his/her designated O-6 representative. The initial TTSP will be provided to the test agency NLT nine months (270 days) before test and the final will be provided NLT 60 days before test player training. (Reference TRADOC REG 350-70 Para 8-3, dated 6 DEC 11).

6.0 Institutional Training Domain

6.1 Institutional Training Concept and Strategy

USAICoE, ARISC, Fires CoE, Signal CoE train JTT/CIBS-M in appropriate MOS-producing schools and The USN receives training at three F schools. JTT/CIBS-M Material Developer will provide training materials for JTT/CIBS-M to the applicable training institutions. The training institutions will incorporate training material into their respective Program of Instruction.

At USAICoE, the 35T MOS-producing course receives an overview on the JTT/CIBS-M. The Tactical Ground Station (TGS) and the Developmental Software Support Environment (DSSE) are the host system for training. At USAICoE and ARISC, the 35G MOS-producing course receives a block of instruction on the JTT/CIBS-M as

part of the "establish communications" critical task. The TGS and DSSE are the host systems for training.

Fires CoE conducts JTT operator training at Fort Sill, OK, for 14G and 14H MOS-producing courses. The Patriot Tactical Command System (TCS) and Air and Missile Defense Planning and Control System (AMDPCS) are the host systems for training. Training includes instruction to conduct Built in Test (BIT), fault isolation and repair, as well as card level repair. The Signal CoE trains MOS 25Q, 25U, and 94E in JTT operation, maintenance and COMSEC repair at Fort Gordon.

The USN conducts a two day JTT-M (Maritime) operator course, a four day JTT-M Maintenance Course and a two day Producer course. The training is designated in "F" schools and is only provided to Cryptologic Technician (Technical) (CTT) ratings that are assigned to activities that utilize the JTT-M. The three JTT-M "F" schools are taught at the following Center for Information Dominance Learning Site (CIDLS): Norfolk, San Diego, PACNORWEST, Jacksonville, Yokosuka, and Pearl Harbor.

All necessary hardware and Training material has been delivered to the respective sites.

6.1.1 Product Lines

The Product Lines for the JTT/CIBS-M include courses, training publications and training support packages. Initial Military Training (IMT) and Professional Military Education (PME) courses will be revised by the proponent and sub-proponent schools to support the addition of the JTT/CIBS-M in the current curricula. The Training Developer will update appropriate training publications. Training Support Packages supporting individual and collective training will be developed by both the MATDEV and TNGDEV.

6.1.1.1 Training Information Infrastructure

6.1.1.1.1 Hardware, Software, and Communications Systems

The respective PMs will field JTT/CIBS-M to their CoEs and USN to meet their training requirements. The respective institutions are responsible for JTT/CIBS-M training material maintenance. The host system STRAP determine the hardware, software, and communications systems requirements.

6.1.1.1.2 Storage, Retrieval, and Delivery

JTT/CIBS-M Training Information will be located at one or more of the following locations:

Central Army Registry (CAR)

Army Training Network (ATN)

Army Knowledge Online (AKO)

Global Support Center <https://rdit.army.mil/SIGINT/menu.cfm>

6.1.1.1.3 Management Capabilities

Not Applicable

6.1.1.1.4 Other Enabling Capabilities

Not Applicable

6.1.1.2 Training Products

6.1.1.2.1 Courseware

The JTT TSP (limited to LP's and CBT) was delivered to host system platforms, those platforms are to integrate that material into their TSPs'in support of institutional training. JTT that is taught in the stand-alone mode (mostly Navy courses) received the necessary materials to integrate training. CBT was delivered to the Navy for instructional use.

6.1.1.2.2 Courses

Department of the Army

14G

Training Strategy for Operator Training Division
14G / Air Defense Battle Management System Operator
Operator / Air Defense Battle Management System Operator Course Number: 043-14G10
Location: Ft Sill, OK
Lesson Plans: 2Q/FY13
Course Start: To Be Determined (TBD)
Classes per Year: 22 x 10-12 each
Student Load per Fiscal Year: 250
Course Description: Responsible for system emplacement, initialization, and operator/organizational level system maintenance and services. Limited to the ability to detect improper equipment operation or malfunction by use of the senses, embedded diagnostic 259 DA PAM 611-21 ? 31 March 1999 aids; e.g., BIT/Built In Test Equipment (BITE) and/or on-board test equipment, Test Measurement and Diagnostic Equipment (TMDE). Operates and performs operator level maintenance on JTT/CIBS-M system.
Training Requirement Analysis System (TRAS) Documents
Individual Training Plan (ITP): Pending Information
Course Administrative Data (CAD): Unavailable
POI: Unavailable
Training Support Required: JTT/CIBS-M

14H

Training Strategy for Operator Training Division
14H / Air Defense Enhanced Early Warning Operator
Operator / Air Defense Enhanced Early Warning Course Number: 043-14H10
Location: Ft Sill, OK
Lesson Plans: 2Q/FY13
Course Start: TBD
Classes per Year: 16 x 10-12 each
Student Load per Fiscal Year: 175
Course Description: Responsible for system emplacement, initialization, and operator/organizational level system maintenance and services. Limited to the ability to detect improper equipment operation or malfunction by use of the senses, embedded diagnostic 259 DA PAM 611-21 ? 31 March 1999 aids; e.g., BIT/Built In Test Equipment (BITE) and/or on-board test equipment, Test Measurement and Diagnostic Equipment (TMDE). Operates and performs operator level maintenance on JTT/CIBS-M system.
Training Requirement Analysis System (TRAS) Documents
ITP: Pending
CAD: UNK
POI: UNK
Training Support Required: JTT/CIBS-M

140A WOBC

Training Strategy for Operator Training Division
140A / ADA Warrant Officer Basic Course/
Warrant Officer Basic Course Number: 043-140A
Location: Ft Sill, OK
Lesson Plans: 2Q/FY13
Course Start: To Be Determined (TBD)
Classes per Year: 2 x 12 each
Student Load per Fiscal Year: 24
Description: Supervise, plan, maintain, manage, and coordinate all joint data link operations and command, control, communications, computers and intelligence (C4I) systems training associated with Forward Area Air Defense (FAAD); Patriot Battery Command Post (BCP); Patriot Tactical Control System (TCS); Air and Missile Defense Planning and Control System (AMDPCS); Corps, Division, and Brigade level Air Defense Air Management (ADAM) Cells; and the Joint Tactical Ground Station (JTAGS), with ancillary equipment. Responsible for coordinating the activities of enhanced operators for the maintenance of computers off the shelf (COTS) and common hardware software (CHS) including ancillary equipment. Estimates repair priorities based on fix or fight criteria and availability of required assets. Advise the commander on system employment options, capabilities, and configuration management for all Army AMD Command and Control (C2) systems. Responsible for materiel reporting and readiness, system employment and crew certifications. Act as instructors for soldiers and officers, teaching the necessary tasks of employing assets and adapting the

software that best supports Army AMD C2 doctrine. Analyze and interpret data employed in the communications architecture for a joint theater to support immature or sustained operations with the C2 assets on hand, and when necessary, serve as the detachment commander. Serves as the Army track data coordinator for the regional area AMD coordinator; and the regional interface control officer (RICO). Daily duties include configuration management for the AMDPCS, including ancillary equipment. Serve as data-link managers providing prioritization and SOPs for joint interoperability. Can serve in other nominative positions Army wide, with duties as instructors, career managers or staff positions in directorates.

Training Requirement Analysis System (TRAS) Documents

Individual Training Plan (ITP): Pending Information

Course Administrative Data (CAD): Unavailable

POI: Unavailable

Training Support Required: JTT/CIBS-M

140A WOAC

Training Strategy for Operator Training Division

140A / ADA Warrant Officer Advanced Course/

Warrant Officer Advanced Course Number: 043-140A

Location: Ft Sill, OK

Lesson Plans: 2Q/FY13

Course Start: To Be Determined (TBD)

Classes per Year: 3 x 12 each
Student Load per Fiscal Year: 36
<p>Course Description: Supervise, plan, maintain, manage, and coordinate all joint data link operations and command, control, communications, computers and intelligence (C4I) systems training associated with Forward Area Air Defense (FAAD); Patriot Battery Command Post (BCP); Patriot Tactical Control System (TCS); Air Missile Defense Planning Control System (AMDPCS); Corps, Division, and Brigade level Air Defense Air Management (ADAM) Cells; and the Joint Tactical Ground Station (JTAGS), with ancillary equipment. Responsible for coordinating the activities of enhanced operators for the maintenance of computers off the shelf (COTS) and common hardware software (CHS) including ancillary equipment. Estimates repair priorities based on fix or fight criteria and availability of required assets. Advise the commander on system employment options, capabilities, and configuration management for all Army AMD Command and Control (C2) systems. Responsible for materiel reporting and readiness, system employment and crew certifications. Act as instructors for soldiers and officers, teaching the necessary tasks of employing assets and adapting the software that best supports Army AMD C2 doctrine. Analyze and interpret data employed in the communications architecture for a joint theater to support immature or sustained operations with the C2 assets on hand, and when necessary, serve as the detachment commander. Serves as the Army track data coordinator for the regional area AMD coordinator; and the regional interface control officer (RICO). Daily duties include configuration management for the Air and Missile Defense Command and Control systems (AMDPCS), including ancillary equipment. Serve as data-link managers providing prioritization and SOPs for joint interoperability. Can serve in other nominative positions Army wide, with duties as instructors, career managers or staff positions in directorates.</p>
Training Requirement Analysis System (TRAS) Documents
Individual Training Plan (ITP): Pending Information

Course Administrative Data (CAD): Unavailable
POI: Unavailable
Training Support Required: JTT/CIBS-M

25Q

Training Strategy for Operator Training Division
25Q / Multichannel Transmission Systems
Operator-Maintainer (Mchan Xmsn Sys Op-Mnt)Course Number: 202-25Q10 (CT)EAC-1 (AS17E
Location: Ft Gordon, GA
Lesson Plans: 2Q/13
Course Start: TBD
Classes per Year: 54
Student Load per Fiscal Year: FY13/1070 FY14/875 FY15/891 FY16/966 FY17/901
Course Description: Multichannel transmission systems operator - maintainer supervise, install, operate, and perform unit level maintenance on multichannel line-of-site and tropospheric scatter communications systems, communications security (COMSEC) devices, and associated equipment. Operates and performs Preventive Maintenance Checks and Services (PMCS) on assigned vehicles. Installs, operates, and performs PMCS on power generators. Operates and performs unit level maintenance on JTT/CIBS-M.
Training Requirement Analysis System (TRAS) Documents
ITP: Pending

CAD: UNK
POI: UNK
Training Support Required: JTT/CIBS-M

25U

Training Strategy for Maintainer Training Division
25U / Signal Support Systems Specialist (Sig Spt Sys Spc)Course Number: 101-25U10
Location: Ft Gordon, GA
Lesson Plans: 3Q/13
Course Start: TBD
Classes per Year: 83
Student Load per Fiscal Year: FY13/2595 FY14/2310 FY15/2590 FY16/2248 FY172238
Course Description: The Signal Support Systems Specialist supervises, installs, employs, maintains, troubleshoots, and assists users with battlefield Signal support systems and terminal devices; integrates Signal systems and networks; performs unit level maintenance on authorized Signal equipment and associated electronic devices; trains and provides technical assistance to users of Signal equipment; and operates and performs PMCS on assigned vehicles and power generators. Operates and performs unit level maintenance on JTT/CIBS-M.
Training Requirement Analysis System (TRAS) Documents
ITP: Pending
CAD: UNK

POI: UNK
Training Support Required: JTT/CIBS-M

35G

Training Strategy for Operator Training Division
35G / Geospatial Intelligence Imagery Analyst
Course Number: 242-35G10
Location: Ft Huachuca, AZ
Lesson Plans: 2Q/13
Course Start: TBD
Classes per Year: 22
Student Load per Fiscal Year: 266
Course Description: The imagery analyst supervises or analyzes aerial and ground permanent record imagery developed by photographic and electronic means. Plans and recommends the use of imaging sensors for reconnaissance and surveillance missions. Operates and performs operator level maintenance on JTT/CIBS-M.
Training Requirement Analysis System (TRAS) Documents
ITP: September 01 2002
CAD: 3Q/FY13
POI: 3Q/FY12
Training Support Required: Laptop computer with Falconview software, JTT/CIBS-M

35T

Training Strategy for Maintainer Training Division
35T / Military Intelligence Systems Maintainer/Integrator (MI Sys Maint/Integrator)
Course Number: 102-35T10
Location: Ft Huachuca, AZ
Lesson Plans: 3Q/13
Course Start: TBD
Classes per Year: 34
Student Load per Fiscal Year: 272
Course Description: The Military Intelligence Systems Maintainer/Integrator provides unit, Direct or General Support(DS/GS), and depot level maintenance support on IEW systems and assemblies. Operates and performs up to direct support level maintenance on JTT/CIBS-M.
Training Requirement Analysis System (TRAS) Documents
ITP: September 01 2002
CAD: 4Q/FY13
POI: 4Q/FY13
Training Support Required: JTT/CIBS-M

94E

Training Strategy for Maintainer Training Division
94E Radio and Communications Security (COMSEC) Repairerz
Course Number: 101-91E10
Location: Ft Gordon, GA
Lesson Plans: 3Q/13
Course Start: TBD
Classes per Year: 24
Student Load per Fiscal Year: 465
Course Description: To train enlisted personnel to perform Field and Sustainment level maintenance on radio receivers, transmitters, and associated equipment; also, to provide the skills and knowledge necessary to restore Communications Security (COMSEC) equipment. Provide the student with a working knowledge of their security responsibility, and to provide an awareness for physical security and security regulations.
Training Requirements Analysis System (TRAS) Documents
ITP: 3Q/ FY12
CAD: 2Q/FY13
POI: TBD
Training Support Required: JTT/CIBS-M

Department of the Navy

CTT Maintenance

Joint Tactical Terminal AN/USQ-151 Maintenance
CTT
Course Identification Number: A-101-0036
Location: Norfolk, San Diego, PACNORWEST, Jacksonville, Yokosuka, and Pearl Harbor
Lesson Plans: UNK
Course Start: TBD
Classes per Year: TBD
Student Load per Fiscal Year: 120-150
Course Description: The JTT-M maintenance course, CIN A-101- 0036, provides lessons on maintenance set-up, BIT testing, LRU removal and replacement, and planned maintenance requirements. This course is four days.
Training Requirement Analysis System (TRAS) Documents
ITP: UNK
CAD: UNK
POI: UNK
Training Support Required: JTT/CIBS-M

CTT Operator

Joint Tactical Terminal AN/USQ-151 Operator
CTT
Course Identification Number: A-101-0038
Location: Norfolk, San Diego, PACNORWEST, Jacksonville, Yokosuka, and Pearl Harbor
Lesson Plans: UNK
Course Start: TBD
Classes per Year: TBD
Student Load per Fiscal Year: 120-150
Course Description: The JTT-M operator course, Course Identification Number (CIN) A-101- 0038, focuses on crypto loading, system set-up, software configuration, and modes of operation. This course is two days.
Training Requirement Analysis System (TRAS) Documents
ITP: UNK
CAD: UNK
POI: UNK
Training Support Required: JTT/CIBS-M

CTT Producer

Joint Tactical Terminal AN/USQ-151 Producer

CTT
Course Identification Number: A-101-0040
Location: Norfolk, San Diego, PACNORWEST, Jacksonville, Yokosuka, and Pearl Harbor
Lesson Plans: UNK
Course Start: TBD
Classes per Year: TBD
Student Load per Fiscal Year: 270-330
Course Description: The Producer Course, CIN A-101-0040, provides an overview of the IBS broadcast, IBS-I set- up, data requirements, and broadcast etiquette. Personnel attending this course must be operators prior to attending. This course is two days.
Training Requirement Analysis System (TRAS) Documents
ITP: UNK
CAD: UNK
POI: UNK
Training Support Required: JTT/CIBS-M

6.1.1.2.3 Training Publications

- TM 11-5820-1164-12&P, Tactical Command System - AN/USC-62
- TM 11-5895-1693 -12&P and 30&P JTT B Block 5 Release
- TM 11-5895-1755-12&P and 30&P JTT SR Block 5 Release
- TM 11-5895-TBD-12&P and 30&P JTT-SR Block 6 Release
- JTT Control Client Software Users Manual (SUM) Revision G

Platforms that host a JTT have additional TM's in support of training their equipment. Those PM's and associated STRAP's list that material. The JTT system MATDEV has only published the above listed material.

6.1.1.2.4 Training Support Package (TSP)

The Training Developer will use the NET TSP (See paragraph 5.1) as the basis for developing TSPs required to support Institutional training materials. The TSP will fulfill the TRADOC Reg 350-1 requirements; using TRADOC Pub 525-8-2 w/C1 06Jun2011 methodology; and will be developed and managed through the Training Development Capability (TDC) software. The data presented consists of technical documentation developed and delivered during the JTT/CIBS-M /CIBS-M production contract. All materials are provided by PM JTT/CIBS-M /CIBS-M.

6.1.1.3 TADSS

6.1.1.3.1 Training Aids

JTT has Computer Based Training (CBT) and Quick Reference Guides. JTT technical manuals and lesson plans are located on IKN and can be accessed through the Army Training Network (ATN).

6.1.1.3.2 Training Devices

Not Applicable

6.1.1.3.3 Simulators

Not Applicable

6.1.1.3.4 Simulations

Not Applicable

6.1.1.3.5 Instrumentation

Not Applicable

6.1.1.4 Training Facilities and Land

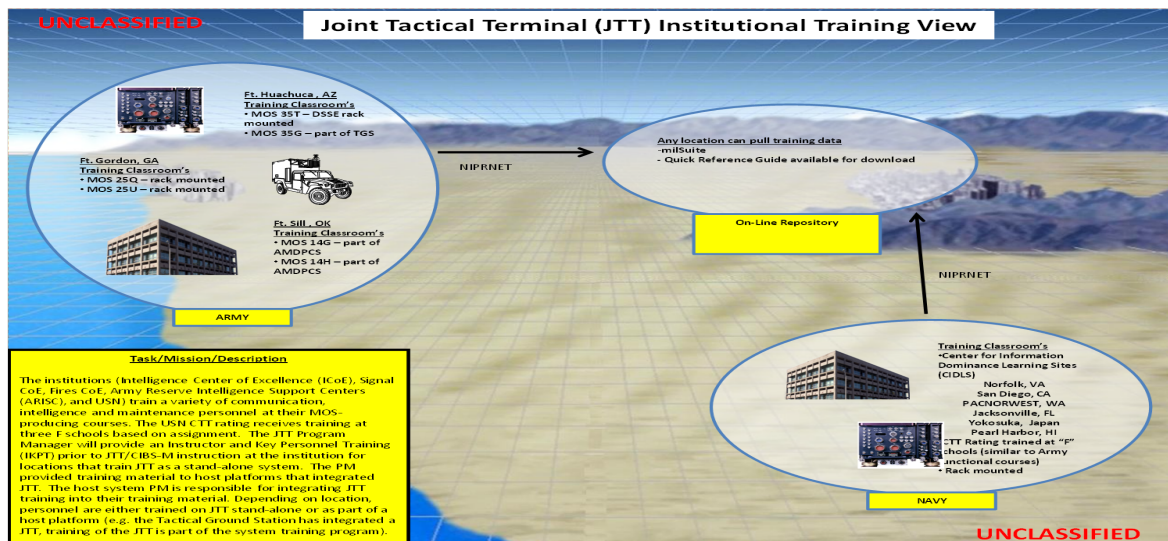
Not Applicable

6.1.1.5 Training Services

Not Applicable

6.1.2 Architectures and Standards Component

6.1.2.1 Operational View (OV)



6.1.2.2 Systems View (SV)

6.1.2.3 Technical View (TV)

6.1.3 Management, Evaluation, and Resource (MER) Processes Component

6.1.3.1 Management

6.1.3.1.1 Strategic Planning

Not Applicable

6.1.3.1.2 Concept Development and Experimentation (CD&E)

Not Applicable

6.1.3.1.3 Research and Studies

Not Applicable

6.1.3.1.4 Policy and Guidance

Not Applicable

6.1.3.1.5 Requirements Generation

The Operational Requirements Document (ORD) was revised on 17 March, 2005.

6.1.3.1.6 Synchronization

Not Applicable

6.1.3.1.7 Joint Training Support

Not Applicable

6.1.3.2 Evaluation

CoEs Quality Assurance Offices (QAO) conduct training evaluations. Quality Assurance for the proponent will receive feedback from the users to ensure the training meets the user's need. Feedback will assist the proponent in correcting institutional training domain deficiencies as well as revising the training courses and materials. Users will also provide results from field training exercise (FTX) and/or operational experiences in addition to institutional training evaluation data.

6.1.3.2.1 Quality Assurance (QA)

The Quality Assurance Office (QAO) must receive feedback from the users to ensure the training products produced and the students trained meet the user's

needs. Feedback will assist respective CoEs in correcting training deficiencies, and will provide information that may affect the next generation of equipment or production improvements. Field training exercise results and /or operational experiences from the users will be used in addition to institutional training evaluation data.

6.1.3.2.2 Assessments

Not Applicable

6.1.3.2.3 Customer Feedback

The following tools will be used:

Help desks, collaboration

6.1.3.2.4 Lessons Learned/After-Action Reviews (AARs)

After Action Reviews are used to further develop the course training materials and improve instructor performance. Center for Army Lessons Learned and the Military Intelligence Lesson Learned will be used to keep the TSPs up to date.

6.1.3.3 Resource

Resources identified below are expected to support Institutional, Operational, and Self-Development Training Domains. The greatest portion will be required to support the Operational Training Domain. The MATDEV has provided training support packages (TSP), and the TNGDEV validated the TSPs to all applicable training institutions. Modifications will be necessary as software is upgraded; however, historically changes have been minor and costs minimal.

6.1.3.3.1 Resource

FT. HUACHUCA

2 Tactical Ground Systems (actual equipment) as the host system
SE (rack mounted equipment in Goddard Hall)

FT. SILL

Patriot Tactical Command System
Air and Missile Defense Planning and Control System

FT. GORDON

5 JTT radios

NAVY

4 JTT radios at 2 locations (San Diego and Norfolk, 2 each)

7.0 Operational Training Domain

7.1 Operational Training Concept and Strategy

The operational domain will utilize a combination of New Equipment Training (NET) and Distance Learning (DL). The MATDEV provides a robust Training Support Package (TSP) that includes CBT, LPs, TMs, User Manuals and Quick Reference Guides. This requires the units to have access to computers with web browser capabilities and CD-ROM/DVD drives to complete the CBT. The material developer also creates and fields updates to DL packages that involve system-specific upgrades, and to address system modifications. The host system NET will train the initial transfer of knowledge on how to use the capability and the Doctrine and Tactics Training that trains the integration of the capability into the unit's mission. The operational unit commander is responsible for incorporation of JTT/CIBS-M training into the unit training strategy (mostly likely via the Combined Arms Training Strategy (CATS) manual for Army units and similar documentation for Navy).

7.1.1 Product Lines

7.1.1.1.1 Training Information Infrastructure

The contractor will develop a TM in Inactive Electronic Technical Manual (IETM) format and a limited number in hard copy format to be provided to Units. The TM will be part of the TSP left by the NETT.

7.1.1.1.1.1 Hardware, Software, and Communications Systems

No Special Requirements

7.1.1.1.1.2 Storage, Retrieval, and Delivery

JTT/CIBS-M Training Information will be located at one or more of the following locations. Users need to type JTT in the search window to discover the training material.

Central Army Registry (CAR)

Army Training Network (ATN)

Intelligence Knowledge Network (IKN)

Army Knowledge Online (AKO)

Global Support Center <https://rdit.army.mil/SIGINT/menu.cfm>

Global Support Center SIPR: <https://cecomdocs.monmouth.army.smil.mil/sigint>

Milsuite Wiki

https://www.milsuite.mil/wiki/Joint_Tactical_Terminal/_Common_Integrated_Broadcast_Service-Module

Milsuite <https://www.milsuite.mil/book/groups/jtt-sr>

7.1.1.1.1.3 Management Capabilities

Not Applicable

7.1.1.1.1.4 Other Enabling Capabilities

Not Applicable

7.1.1.2 Training Products

Not Applicable

7.1.1.3 TADSS

No TADSS were developed specifically for JTT. Systems that host JTT may have TADSS for their system. As an example, the JTT is integrated into the Tactical Intelligence Ground System (TGS), that systems has an embedded training requirement that stimulate the JTT in support of TGS operations.

7.1.1.3.1 Training Aids

7.1.1.3.2 Training Devices

Not Applicable

7.1.1.3.3 Simulators

Not Applicable

7.1.1.3.4 Simulations

Not Applicable

7.1.1.3.5 Instrumentation

Not Applicable

7.1.1.4 Training Facilities and Land

7.1.1.4.1 Ranges

Not Applicable

7.1.1.4.2 Maneuver Training Areas (MTA)

Not Applicable

7.1.1.4.3 Classrooms

Units will require one unclassified training area, computer, and unclassified internet for access to JTT/CIBS-M websites for additional information. Additionally, secure facilities may be required dependent on training objectives.

7.1.1.4.4 CTCs

The JTT/CIBS-M operations are not currently integrated or emphasized at CTCs.

7.1.1.4.5 Logistics Support Areas

Not Applicable

7.1.1.4.6 Battle Command Training Centers (BCTC)

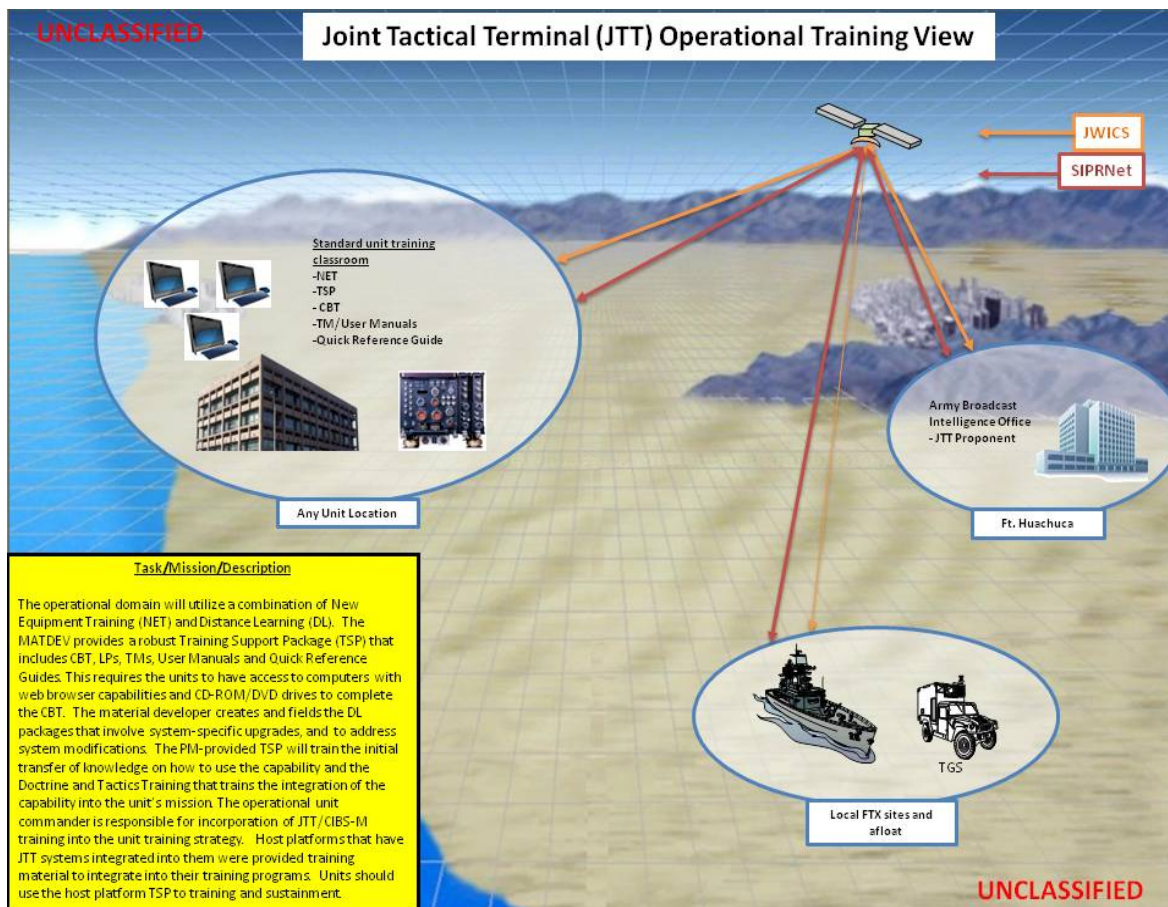
Not Applicable

7.1.1.5 Training Services

Not Applicable

7.1.2 Architectures and Standards Component

7.1.2.1 Operational View (OV)



7.1.2.2 Systems View (SV)

7.1.2.3 Technical View (TV)

7.1.3 Management, Evaluation, and Resource (MER) Processes Component

7.1.3.1 Management

7.1.3.1.1 Strategic Planning

Not Applicable

7.1.3.1.2 Concept Development and Experimentation (CD&E)

Not Applicable

7.1.3.1.3 Research and Studies

Not Applicable.

7.1.3.1.4 Policy and Guidance

- AR 350-1 and AR 350-38
- TRADOC Regulations 350-70 and 71-20
- TRADOC Pamphlet 71-20
- Command training guidance
- Doctrine (ADP and ADRP 7.0)
- Unit SOP

7.1.3.1.5 Requirements Generation

All JTT requirements are listed in the Operational Requirements Document (ORD), revised on 17 March, 2005.

7.1.3.1.6 Synchronization

Not Applicable

7.1.3.1.7 Joint Training Support

The JTT will train in a joint operational environment. The JTT architecture guided by the DoD JTT concept will support joint operational training.

7.1.3.2 Evaluation

7.1.3.2.1 Quality Assurance (QA)

The Quality Assurance Office (QAO) will conduct Quality Assurance surveys as required to ensure institutional requirements are being met.

7.1.3.2.2 Assessments

Data is collected by Pre/Post assessments of the course instruction. Surveys will be used to modify training courses or curriculum and directed towards satisfying the training needs of the participating services.

7.1.3.2.3 Customer Feedback

The following tools will be used:

Help desks input to PM (what actions they helped the field with), After Action Reports, Lessons Learned Surveys.

7.1.3.2.4 Lessons Learned/After-Action Reviews (AARs)

The USAICoE Center for Lessons Learned (CALL) is part of an overall institutional and Military Intelligence lesson's learned effort that provides feedback on institutional and Military Intelligence lesson's learned effort that provides feedback on institutional training and system usage and applicability. Information identified as relevant to operational training will be used to focus and shape organizational training improvements.

7.1.3.3 Resource Processes

[illegible]

Resources identified are expected to support Institutional, Operational, and Self-Development Training Domains. The greatest portion will be required to support the Operational Training Domain.

7.1.3.3.1 Resource Processes

Not Applicable

8.0 Self-Development Training Domain

8.1 Self-Development Training Concept and Strategy

MATDEV will make available a JTT/CIBS-M CBT Compact Disk-Read Only Memory (CD-ROM) to be used for self development. MATDEV is also responsible for upgrading the CBT as newer versions of software become available or significant modifications are made to JTT/CIBS-M systems. DTT for the host systems integrating the JTT/CIBS-M will be updated to reflect the evolving capabilities of the equipment. MATDEV will update the NET leave behind training material and upload onto the IKN web page. (<https://www.ikn.army.mil>)

8.1.1 Product Lines

8.1.1.1 Training Information Infrastructure

Sustainment training will be available via JTT/CIBS-M (<https://www.milsuite.mil/book/groups/jtt-sr>). This requires personnel to have access to a computer with web browser capability, which will be used as training tools for all training packages generated by the material developer. These packages will be in the form of electronic portable media and will include any procedural or doctrinal changes and any upgrades or other changes to the training. The material developer creates and fields the DL packages that involve system-specific upgrades and changes in payloads, pre-planned product improvements, and quick reaction capabilities.

8.1.1.1.1 Hardware, Software, and Communications Systems

Personnel will require computer assets with DVD and CD readers and an internet connection.

8.1.1.1.2 Storage, Retrieval, and Delivery

JTT/CIBS-M Training Information will be located at one or more of the following locations. Whichever link is used, the user only needs to type JTT in the search window to discover the training material.

Central Army Registry (CAR)

Army Training Network (ATN)

Army Knowledge Online (AKO)

Intelligence Knowledge Network (IKN)

Global Support Center <https://rdit.army.mil/SIGINT/menu.cfm>

Global Support Center SIPR: <https://cecomdocs.monmouth.army.smil.mil/sigint>

Milsuite Wiki

https://www.milsuite.mil/wiki/Joint_Tactical_Terminal/_Common_Integrated_Broadcast_Service-Module

Milsuite <https://www.milsuite.mil/book/groups/jtt-sr>

8.1.1.1.3 Management Capabilities

Not Applicable

8.1.1.1.4 Other Enabling Capabilities

Not Applicable

8.1.1.2 Training Products

8.1.1.2.1 Courseware

PM JTT developed a CBT that can be utilized by personnel to learn about the JTT and its use in operations (unclassified).

8.1.1.2.2 Courses

Not Applicable

8.1.1.2.3 Training Publications

TM 11-5820-1164-12&P, Tactical Command System - AN/USC-62

- TM 11-5895-1693 -12&P and 30&P JTT B Block 5 Release
- TM 11-5895-1755-12&P and 30&P JTT SR Block 5 Release
- TM 11-5895-TBD-12&P and 30&P JTT-SR Block 6 Release
- JTT Contro Client Software Users Manual (SUM) Revision G

8.1.1.2.4 Training Support Package (TSP)

The Training Developer will use the NET TSP (See paragraph 5.1) as the basis for developing TSPs required to support Sustainment training materials. The data presented consists of technical documentation developed and delivered during the JTT/CIBS-M production contract. All materials will be provided by PM JTT/CIBS-M.

8.1.1.3 Training Aids, Devices, Simulators and Simulations (TADSS)

Not Applicable

8.1.1.4 Training Facilities and Land

Not Applicable

8.1.1.5 Training Services

Not Applicable

8.1.2 Architectures and Standards Component

8.1.2.1 Operational View (OV)

8.1.2.2 Systems View (SV)

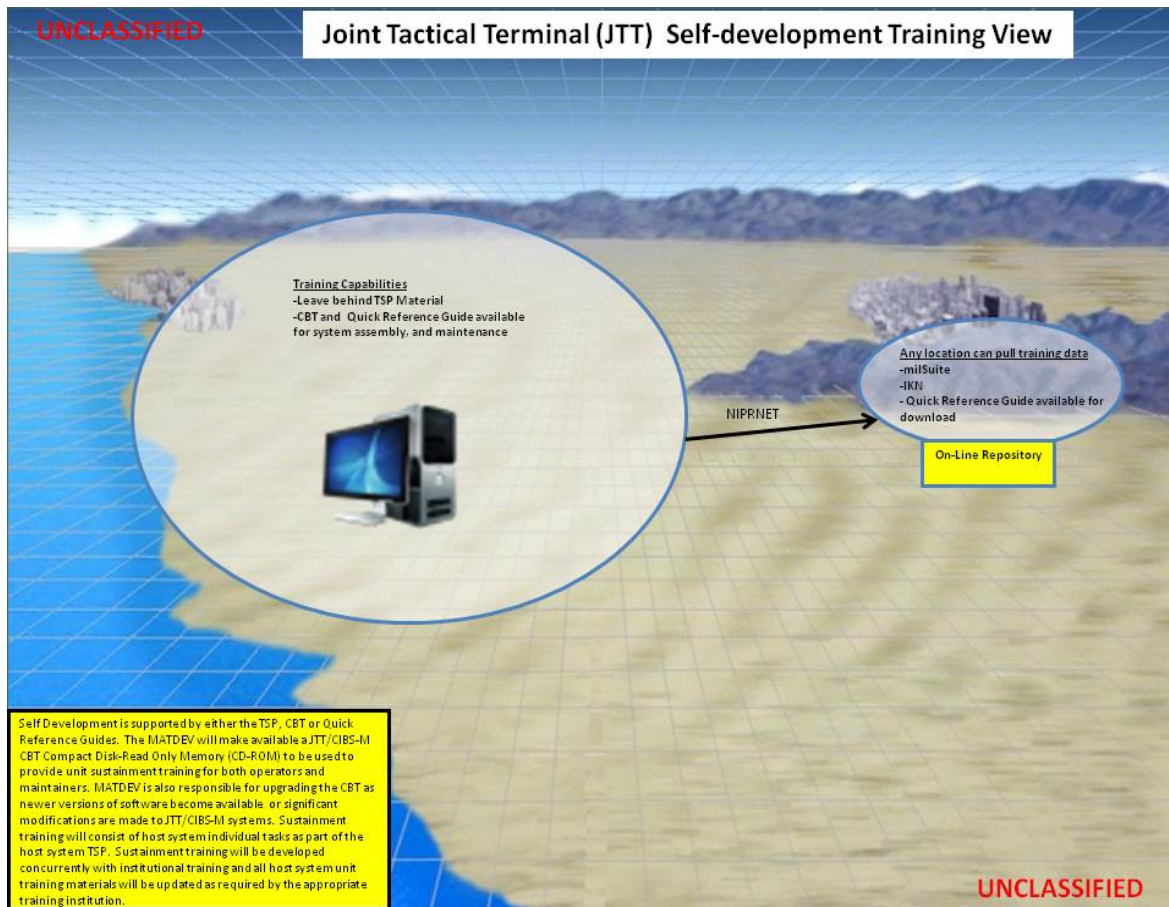
8.1.2.3 Technical View (TV)

8.1.3 Management, Evaluation, and Resource (MER) Processes Component

8.1.3.1 Management

8.1.3.1.1 Strategic Planning

Not Applicable



8.1.3.1.2 Concept Development and Experimentation (CD&E)

Not Applicable

8.1.3.1.3 Research and Studies

Not Applicable

8.1.3.1.4 Policy and Guidance

- AR 350-1 and AR 350-38
- TRADOC Regulations 350-70 and 71-20
- TRADOC Pamphlet 71-20
- Command training guidance
- Doctrine (ADP and ADRP 7.0)
- Unit SOP

8.1.3.1.5 Requirements Generation

All JTT requirements are listed in the Operational Requirements Document (ORD), revised on 17 March, 2005.

8.1.3.1.6 Synchronization

Not Applicable

8.1.3.1.7 Joint Training Support

Not Applicable

8.1.3.2 Evaluation

Additionally, products developed for JTT/CIBS-M training will have an evaluation exercise developed within the application(s).

8.1.3.2.1 Quality Assurance (QA)

8.1.3.2.2 Assessments

The TNGDEV has assessed the CBT for self-development. If updates are made to the CBT, the TNGDEV will assess and provide input to the MATDEV as necessary.

8.1.3.2.3 Customer Feedback

Not Applicable

8.1.3.2.4 Lessons Learned/After-Action Reviews (AARs)

Not Applicable

8.1.3.3 Resource Processes

Resources identified in 7.1.3.3 are expected to support Institutional, Operational, and Self-Development Training Domains.

8.1.3.3.1 Resource Processes

Not Applicable

A Milestone Annex

TRAINING DEVELOPMENT MILESTONE SCHEDULE - SHEET A			PAGE 1 OF 1 PAGES	REQUIREMENTS CONTROL SYMBOL N/A
SYSTEM: JTT/CIBS-M		ACAT III	OFFICE SYMBOL	AS OF DATE 28 Jun 2011
POINTS OF CONTACT		NAME	OFFICE SYMBOL	TELEPHONE
MATERIEL COMMAND		Col Wells	SFAE-IEWS-SG- JTT/CIBS-M	DSN: 987- 4448
TRADOC PROPONENT		ICoE		
TCM		Col Riehle	ATZS-CDI-S	DSN: 821- 3605
CD:		Col Riehle	ATZS-CDI-S	DSN: 821- 3605
TD:		SSG Jones	ATZS-CDI- N	DSN: 821- 4059
SUPPORTING PROPONENTS:				
Air Defense Artillery		DOTD New Systems	ATSF-DE	DSN: 639- 4280
Signal				
ITEM	DATE	RESPONSIBLE AGENCY/POC		TELEPHONE
MNS:	N/A			
SMMP:	N/A			
ORD:	960913	Navy/Mayo		DSN: 329- 1200
SSP:	020602	PM-DCGSA		DSN: 987- 4448
TTSP:	020517	NSTID	ATZS-CDI-N	DSN: 8213874
QQPRI:				
BOIP:	N/A			
NETP:		PM-DCGSA		DSN: 987- 4448

COMMENTS:				

TRAINING DEVELOPMENT		PAGE 1 OF 8 PAGES		REQUIREMENTS CONTROL SYMBOL NA	
MILESTONE SCHEDULE -					
SHEET B					
SYSTEM		TRADOC SCHOOL Fires CoE		AS OF DATE 27 Nov 2007	
JTT/CIBS					
TRAINING PACKAGE ELEMENT/PRODUCT Individual Training 14G10					
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NOTE: Identify **TRAINING DEVELOPMENT MILESTONES**. TRADOC FORM 569-1-R-E provides a detailed list of typical training development products required to support system training integration.

COMMENTS:

1. Initial IPT - UNK
2. Projected CAD - UNK
3. Annotated list - UNK

TRAINING DEVELOPMENT MILESTONE SCHEDULE - SHEET B		PAGE 2 OF 8 PAGES	REQUIREMENTS CONTROL SYMBOL NA
SYSTEM CJTT/CIBS	TRADOC SCHOOL Fires CoE		AS OF DATE 27 Nov 2007
TRAINING PACKAGE ELEMENT/PRODUCT Individual Training 14H10			
LEGE ND:	MILESTONES BY QUARTER		

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Digi tize d copy arch ived															
Resi dent Cour se star t date															

NOTE: Identify **TRAINING DEVELOPMENT MILESTONES**. TRADOC FORM 569-1-R-E provides a detailed list of typical training development products required to support system training integration.

COMMENTS:

1. Initial IPT - UNK

2. Projected CAD - UNK

3. Annotated list - UNK

[illegible]

NOTE: Identify **TRAINING DEVELOPMENT MILESTONES**. TRADOC FORM 569-1-R-E provides a detailed list of typical training development products required to support system training integration.

COMMENTS:

1. Initial IPT - UNK
2. Projected CAD - UNK
3. Annotated list - UNK

[illegible]

[illegible]

[illegible]

NOTE: Identify **TRAINING DEVELOPMENT MILESTONES**. TRADOC FORM 569-1-R-E provides a detailed list of typical training development products required to support system training integration.

COMMENTS :

1. Initial IPT - UNK
2. Projected CAD - UNK
3. Annotated list - UNK

<p>TRAINING DEVELOPMENT</p> <p>MILESTONE SCHEDULE -</p> <p>SHEET B</p>	<p>PAGE 5 OF 8 PAGES</p>	<p>REQUIREMENTS CONTROL SYMBOL NA</p>

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NOTE: Identify TRAINING DEVELOPMENT MILESTONES . TRADOC FORM 569-1-R-E															

1. Initial IPT - UNK
2. Projected CAD - UNK
3. Annotated list - UNK

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NOTE: Identify **TRAINING DEVELOPMENT MILESTONES**. TRADOC FORM 569-1-R-E provides a detailed list of typical training development products required to support system training integration.

COMMENTS:

1. Initial IPT - UNK

2. Projected CAD - UNK

3. Annotated list - UNK

TRAINING DEVELOPMENT MILESTONE SCHEDULE - SHEET B		PAGE 8 OF 8 PAGES	REQUIREMENTS CONTROL SYMBOL NA
SYSTEM	TRADOC SCHOOL Intelligence CoE		AS OF DATE 27 Nov 2007

[illegible]

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POI submitted															
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NOTE: Identify TRAINING DEVELOPMENT MILESTONES . TRADOC FORM 569-1-R-E provides a detailed list of typical training development products required to															

support system training integration.

COMMENTS:

1. Initial IPT - UNK
2. Projected CAD - UNK
3. Annotated list - UNK

B References

Operational Requirements Document (ORD) for the Joint Tactical Terminal (JTT/CIBS-M) and Common Integrated Broadcast Service Modules (CIBS-M), 17 March, 2005. For Official Use Only (FOUO).

New Equipment Training Test Support Package (NET TSP) for the Joint Tactical Terminal/Common Integrated Broadcast Service Modules (JTT/CIBS-M) June, 1998. Unclassified.

Field Manual (FM) 34-25-1 Joint Surveillance Target Attack Radar System, Appendix D Joint Tactical Terminal, 3 October 1995. Unclassified.

Doctrinal and Organizational Test Support Package (D&O TSP) for the Initial operation Test and Evaluation (IOT&E) for the Joint tactical Terminal (JTT/CIBS-M), 1 August 1998. Unclassified.

C Coordination Annex

Organization/POC (Date)	Summary of Comments Submitted (A/S/C)			Comments Accepted/ Rejected						Rationale for Non-Acceptance - S, C
				Accepted			Rejected			
	A	S	C	A	S	C	A	S	C	
v2.2.2 Richard P Athanas 2013/09/30 - 2013/10/10	Document Accepted As Written			0	0	0	0	0	0	-
v2.2.1 Approvals - James A Callahan 2013/09/30 - 2013/10/10	Document Accepted As Written			0	0	0	0	0	0	-
v2.2 Army - TRADOC_ARCIC 2013/05/23 - 2013/06/22	No Comments Submitted			0	0	0	0	0	0	-
v2.2 Army - TRADOC G-3/5 2013/05/23 - 2013/06/22	No Comments Submitted			0	0	0	0	0	0	-
v2.2 Army - HQDA G2 2013/05/23 - 2013/06/22	No Comments Submitted			0	0	0	0	0	0	-
v2.2 Army - DAMO-TRS 2013/05/23 - 2013/06/22	No Comments Submitted			0	0	0	0	0	0	-
v2.2 Army - CAC-T; Training Management Dir 2013/05/23 - 2013/06/22	2	9	0	2	9	0	0	0	0	
v2.2 Army - ATSC TSAID	No Comments Submitted			0	0	0	0	0	0	-

Infantry&Armor School 2013/04/02 - 2013/05/02	Submitted									
v2.1 Peer - FCoE- ADA School 2013/04/02 - 2013/05/02	3	0	0	3	0	0	0	0	0	
v2.1 Peer - FCoE - Field Artillery 2013/04/02 - 2013/05/02	1	6	0	1	6	0	0	0	0	
v2.1 Peer - AVNCoE Aviation Logistics School 2013/04/02 - 2013/05/02	No Comments Submitted			0	0	0	0	0	0	-

Key	
Completed Review with Comments	
Completed Review, No Comments	
Active Review Occurring	



DEPARTMENT OF THE ARMY
UNITED STATES ARMY INTELLIGENCE CENTER OF EXCELLENCE
1903 HATFIELD STREET
FORT HUACHUCA, ARIZONA 85613-7000

ATZS-DCT

27 September 2013

MEMORANDUM FOR Director, New Systems Training and Integration Directorate
(ATZS-CDI-N), 550 Cibique Street, Ft. Huachuca, AZ 85613-7017

SUBJECT: Approval of System Training Plan (STRAP) for the Joint Tactical Terminal
(JTT) STRAP

1. The JTT STRAP is approved. Approved STRAP will be posted to the Central Army Registry (CAR) website: www.adtdl.army.mil.
2. Point of contact is Mr. Stephen McFarland, NSTID STRAP Manager DSN 821-5387, (520) 533-5387, stephen.j.mcfarland.civ@mail.mil.



LISA K. PRICE

COL, MI
Deputy Commander, Training